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ABSTRACT OF THE DISCLOSURE

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A method for making a side curtain airbag by weaving the airbag in a bias direction ranging from 20° to 70° with respect to the warp of the fabric of which the side curtain airbag is made in order to increase contraction of the bag upon inflation and to increase productivity of airbag manufacture. By orienting the airbag pattern on a bias, airbags can be better "nested" in the output of the loom, less material is wasted and high loom utilization achieved. The airbag is preferably made with a low-permeability weave to reduce leakage of inflation medium upon inflation of the airbag. In some applications, the major axis of the airbag is perpendicular to the warp.